

Apalone spinifera

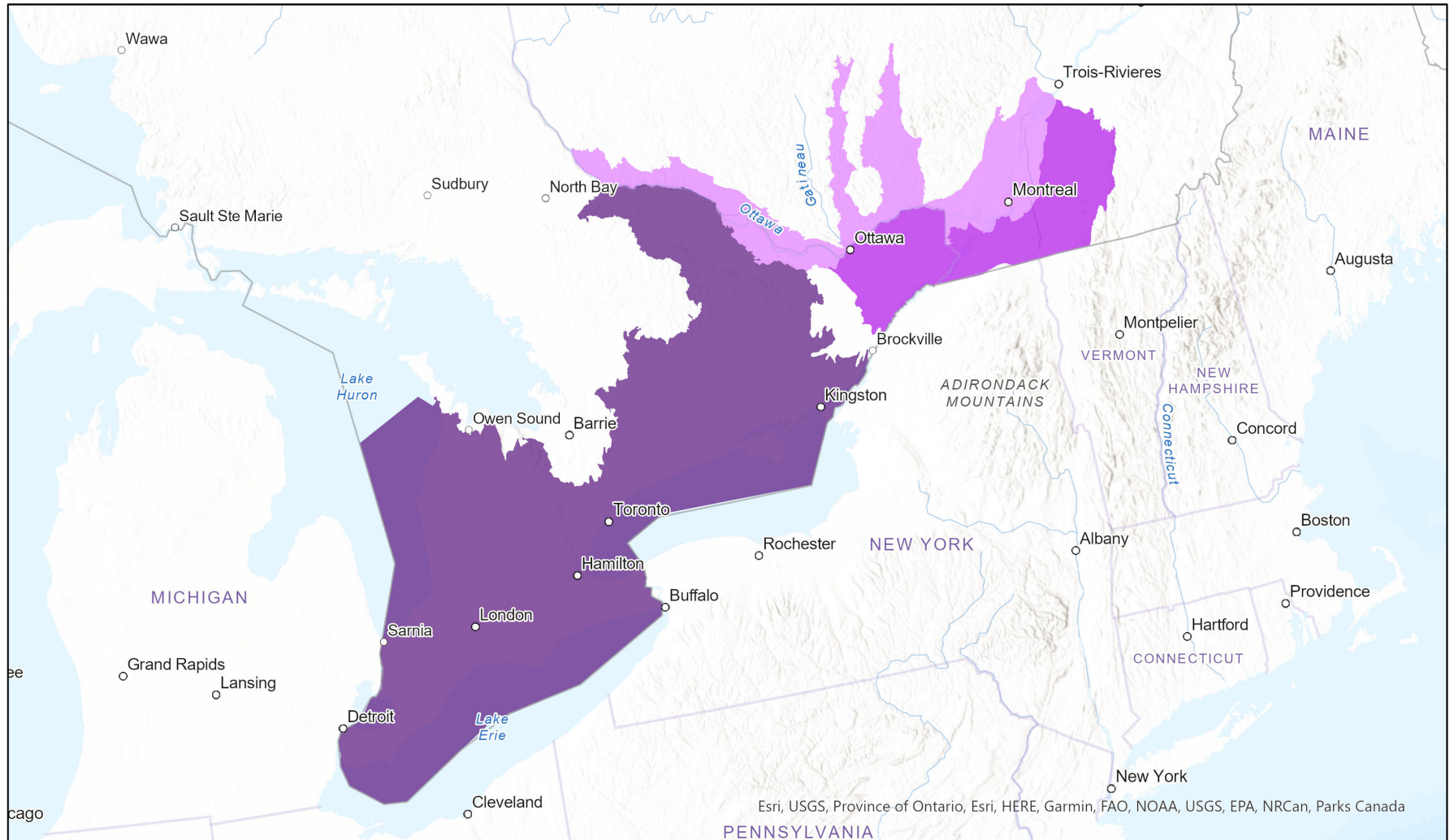


Ecosystem-based Automated Range (EBAR)

Date Generated: March 23, 2022; Version: 1.0; Stage: Expert Reviewed (National); Scope: Canadian

Synonyms Used: *Apalone spinifera spinifera*

- Present
- Presence Expected
- Historical



0 120 240 km

Input Records - 23 BISON, 4 ECCC Critical Habitat, 107 GBIF, 5 iDigBio, 128 iNaturalist.ca, 31 ON Element Occurrences, 1195 ON Observations and Source Features, 11 QC Element Occurrences, 1 US Element Occurrences, 9 VertNet; Expert Reviews - Mike Burrell, Jonathan Choquette, 1 Anonymous

Map centre: 77.6832° W 44.2499° N
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EBAR is relatively coarse scale data and not intended for all applications and analysis. Please see full disclaimer in metadata.

Ecosystem-based Automated Range (EBAR) Metadata

Species

National Scientific Name:	<i>Apalone spinifera</i> (LeSueur, 1827)
Scientific Name Reference:	Turtle Taxonomy Working Group [van Dijk, P.P., Iverson, J.B., Shaffer, H.B., Bour, R., and Rhodin, A.G.J.]. 2012. Turtles of the world, 2012 update: annotated checklist of taxonomy, synonymy, distribution, and conservation status. In: Rhodin, A.G.J., Pritchard, P.C.H., van Dijk, P.P., Saumure, R.A., Buhlmann, K.A., Iverson, J.B., and Mittermeier, R.A. (Eds.). Conservation Biology of Freshwater Turtles and Tortoises: A Compilation Project of the IUCN/SSC Tortoise and Freshwater Turtle Specialist Group. Chelonian Research Monographs No. 5:000.243-000.328. Online. Available: www.iucn-tftsg.org/cbftt/ .
National English Name:	Spiny Softshell
National French Name:	Tortue-molle à épines
Element National ID:	168016
Element Global ID:	100616 (go to NatureServe Explorer)
Element Code:	ARAAG01030
Endemism Type:	N

Rank/Status

Global Rank:	G5 (reviewed February 02, 2016)
National Rank (Canada):	N2 (reviewed 2016)
Subnational Ranks (Canada):	ON=S2, QC=S1
National Rank (United States):	N5 (reviewed 1996)
Subnational Ranks (United States):	AL=S3, AR=SNR, AZ=SNA, CA=SNA, CO=S4, FL=S3, GA=S5, IA=SNR, IL=S5, IN=S4, KS=S5, KY=SNR, LA=S5, MA=SNA, MD=S1, MI=S4, MN=S5, MO=S5, MS=S5, MT=S3, NC=S3, ND=SNR, NE=S5, NJ=SNA, NM=S4, NV=SNA, NY=S2S3, OH=SNR, OK=S5, PA=S4, SC=SU, SD=S2, TN=S5, TX=S4, UT=SNA, VA=S2, VT=S1, WI=S4S5, WV=SNR, WY=S4
National Rank (Mexico):	None
Subnational Ranks (Mexico):	None
Canadian SARA Status:	Endangered/En voie de disparition (January 12, 2005)
Canadian COSEWIC Status:	Endangered (April 29, 2016)
US ESA Status:	None

Range Map

Date Generated:	March 23, 2022
Version:	1.0
Stage:	Expert Reviewed (National)
Scope:	Canadian
Metadata:	Primary Species Name - <i>Apalone spinifera</i> (LeSueur, 1827); Synonyms - <i>Apalone spinifera spinifera</i> (LeSueur, 1827) Input Records - 23 BISON, 4 ECCC Critical Habitat, 107 GBIF, 5 iDigBio, 128 iNaturalist.ca, 31 ON Element Occurrences, 1195 ON Observations and Source Features, 11 QC Element Occurrences, 1 US Element Occurrences, 9 VertNet; Expert Reviews - Mike Burrell, Jonathan Choquette, 1 Anonymous
Comments:	Please see spatial data for reviewer comments.
Disclaimer:	Please review our methods document before using EBAR. EBAR range data are relatively coarse scale and appropriate for screening and education purposes, but are not intended for all types of applications and analysis. The absence of data in any geographic areas does not necessarily mean that a species is not present. An ecoshape with a presence value does not necessarily mean that a species is present throughout the entire geographic area.
Presence Definitions:	Present - the species is found within the ecoshape based on species observation data, Element Occurrences, Source Features, Canadian Federal Critical Habitat, or expert opinion. Presence Expected - expert opinion the species may be present, or the ecoshape overlapped with a range estimate or a habitat suitability model. Historical - all species occurrence data within the ecoshape contains observation data greater than 40 years old or an Element Occurrence (EO) that was ranked as Extirpated or Historical (EO Rank of H, H?, X or X?).
Map Projection:	North America Albers Equal Area Conic (WKID 4269)

Credits

Suggested Citation:	NatureServe Canada, 2020. Ecosystem-based Automated Range (EBAR) for <i>Apalone spinifera</i> , Version 1.0, Expert Reviewed (National) (Canadian Scope). Ottawa, Canada. Retrieved from [insert url] on [insert date]
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Project Website:	www.natureserve.org/natureserve-network/canada/biodiversity-data/ebar-range-mapping
Contact:	ebar-kba@natureserve.ca

Input References:

BISON - United States Geological Survey (<https://bison.usgs.gov/>)
ECCC Critical Habitat - Environment and Climate Change Canada
(<http://data.ec.gc.ca/data/species/protectrestore/critical-habitat-species-at-risk-canada/>)
GBIF - Global Biodiversity Information Facility (<https://www.gbif.org>)
iDigBio - Integrated Digital Biocollection (<https://www.idigbio.org/>)
iNaturalist.ca - California Academy of Sciences and the National Geographic Society (<https://www.inaturalist.ca/>)
ON Element Occurrences - Natural Heritage Information Centre, Ontario Ministry of Natural Resources and Forestry
ON Observations and Source Features - Natural Heritage Information Centre, Ontario Ministry of Natural Resources and Forestry
QC Element Occurrences - Centre de données sur le patrimoine naturel du Québec
US Element Occurrences - NatureServe and its Natural Heritage Programs
VertNet - National Science Foundation (<http://vertnet.org/>)

Reviewers by Taxa:

Fungus - Lichens - Andrea Schiller, Chris Lewis, Kendra Driscoll
Invertebrate Animal - Amphipods - Heather Proctor
Invertebrate Animal - Ants, Wasps, and Sawflies - James Glasier, David McCorquodale
Invertebrate Animal - Bee Flies - Joel Kits
Invertebrate Animal - Bumble Bees - COSEWIC, Rich Hatfield, Andrea Schuhmann, Beth Swartz, Elisha Mueller, Jennifer Selfridge, Mack Frantz, Mike Nelson, Nicole Gerjets, Syd Cannings, Terrell Hyde
Invertebrate Animal - Butterflies and Skippers - Taylor Davis, Mark Elderkin, Chris Friesen, Sylvain Giguere, Cary Hamel, Terrell Hyde, Jessica Petersen, Christian Schmidt, Stephanie Shepherd, Doug Macaulay, Eric Lamb, John Klymko
Invertebrate Animal - Caddisflies - Andrew Rasmussen, Eleanor Gaines, Kyle Johnson
Invertebrate Animal - Dragonflies and Damselflies - Taylor Davis, Allan Harris, John Klymko, Nathan Miller
Invertebrate Animal - Flower Flies or Hoverflies - Colin Jones, Jeff Skevington
Invertebrate Animal - Freshwater Mussels - Brian Metzke, Kevin Eliason, Robert Ellwanger
Invertebrate Animal - Giant Silkworm and Royal Moths - Richard Westwood
Invertebrate Animal - Grasshoppers - Chris Bomar, David Cuthrell, Terrell Hyde, Dan Johnson, Colin Jones, James Miskelly, Randi Mulder
Invertebrate Animal - Isopods - Heather Proctor
Invertebrate Animal - Mason Bees - Jeremy Siemers, Lusha Tronstad
Invertebrate Animal - Mayflies - Lukas Jacobus
Invertebrate Animal - Millipedes and Centipedes - Joel Gibson
Invertebrate Animal - Other Bees - Allan Harris
Invertebrate Animal - Other Beetles - David Cuthrell, Colin Jones
Invertebrate Animal - Other Flies and Keds - Joel Gibson

Invertebrate Animal - Other Insects - Joel Gibson, Colin Jones, Joel Kits

Invertebrate Animal - Other Moths - Mike Burrell, Taylor Davis, Joel Gibson, Daniel Hipes, Kyle Johnson, Colin Jones, John Klymko, Randi Mulder, Gregory Pohl, Christian Schmidt, Sarah Semmler, Robert Somes, Lusha Tronstad, Richard Westwood, Doug Macaulay

Invertebrate Animal - Papaipema Moths - Kyle Johnson, Gregory Pohl, Sarah Semmler

Invertebrate Animal - Robber Flies - Joel Gibson

Invertebrate Animal - Spiders and other Chelicerates - Allan Harris

Invertebrate Animal - Stoneflies - Suzanne Carrière, Boris Kondratieff

Invertebrate Animal - Terrestrial Snails - Annegret Nicolai

Invertebrate Animal - Tiger Beetles - John Acorn, Taylor Davis, David McCorquodale, Robert Somes

Invertebrate Animal - Tiger Moths - Randi Mulder, Christian Schmidt

Invertebrate Animal - Worms, Leeches, and other Annelids - Joel Gibson

Nonvascular Plant - Liverworts - Richard Caners, Suzanne Carrière, Justin Fulkerson, Colin Chapman

Nonvascular Plant - Mosses - Bruce Bennett, Richard Caners, Suzanne Carrière, Sue Vrilakas, Andrea Schiller, Colin Chapman

Vascular Plant - Adder's-tongues, Grapeferns, and Moonworts - Wasyl Bakowsky, Jacques Labrecque, Diana Sawatzky, Sarah Vinge-Mazer

Vascular Plant - Conifers - Varina Crisfield

Vascular Plant - Dicots - Wasyl Bakowsky, Ryan Batten, Bruce Bennett, Diana Bizecki Robson, Sean Blaney, Owen Boyle, Gwen Brewer, Malissa Briggler, Suzanne Carrière, Varina Crisfield, Taylor Davis, Kevin Doyle, Karro Frost, Craig Freeman, Justin Fulkerson, Joyce Gould, Jill Handwerk, Bonnie Heidel, Daniel Hipes, Jacques Labrecque, Eric Lamb, Kristi Lazar, Sarah Lee, Joe Lemeris, William Nichols, Nebraska Heritage Program, Michael J. Oldham, John Pearson, Jennifer Penny, Andrea Pipp, Michael Rudy, Diana Sawatzky, Alfred Schotz, Jason Singhurst, Benoît Tremblay, Sarah Vinge-Mazer, Virginia Natural Heritage Program, Sue Vrilakas, Brenda Wichmann, Theo Witsel, Steve Young, Allan Harris, Bob Popp, Heather Sullivan, John Ambrose, Lorna Allen, Luise Hermanutz, Scott Schuette, Tyler Miller

Vascular Plant - Leptosporangiate Ferns - Ryan Batten, Jacques Labrecque, Tyler Miller

Vascular Plant - Monocots - Derek Anderson, Wasyl Bakowsky, Ryan Batten, Diana Bizecki Robson, Owen Boyle, Suzanne Carrière, Varina Crisfield, Taylor Davis, Kevin Doyle, Bonnie Heidel, Justin Fulkerson, Andrea Pipp, Jacques Labrecque, Kristi Lazar, Joe Lemeris, Nebraska Heritage Program, William Nichols, Michael J. Oldham, John Pearson, Michael Rudy, Alfred Schotz, Benoît Tremblay, Sarah Vinge-Mazer, Sue Vrilakas, Virginia Natural Heritage Program, Brenda Wichmann, Steve Young, Allan Harris, Colin Chapman, Eric Lamb, John Ambrose, Katie Ferguson, Marie-Claude Archambault, Sarah Lee, Tyler Miller, Walter Fertig

Vertebrate Animal - Mammals - Todd Atwood, Ian Abernethy, Dan Bachen, Pierre-André Bernier, Christina Davy, Jonah Evans, Jason Fisher, Graham Forbes, Chuck Hayes, Casey Heimerl, Daniel Hipes, Chris Johnson, Cori Lausen, Randi Mulder, Nebraska Heritage Program, Cory Olson, Stephen Petersen, Jeremy Siemers, Virginia Natural Heritage Program, Ryan Wilson, Colleen Matzke, Ian Adams, Jillian Kusch, John Klymko

Vertebrate Animal - Turtles - Ian Abernethy, Dan Bachen, Amanda Bennett, Pierre-André Bernier, Gwen Brewer, Paul Crump, Taylor Davis, Christina Davy, Paul Frese, Eleanor Gaines, Sylvain Giguere, Carol Hall, Casey Heimerl, Daniel Hipes, Michael Jones, Joe Lemeris, Dustin Lynch, Joshua Megyesy, Nebraska Heritage Program, Nathan Shepard, Jeremy Siemers, Travis Taggart, Virginia Natural Heritage Program, Brian Zarate, Ian Adams, Jonathan Choquette

Vertebrate Animal - Reptiles - Chris Somers, Jillian Kusch, Laura Gardiner

Vertebrate Animal - Amphibians - Ian Adams, Lea Randall